

BET
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#51 PRE
AMOT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Diab et al.) Group Art Unit Unknown
)
Appl. No.	:	Unknown)
)
Filed	:	Herewith)
)
For	:	SIGNAL PROCESSING)
		APPARATUS AND METHOD)
)
Examiner	:	Unknown)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination on the merits, please amend the above-captioned patent application as follows:

Please add the following new claims:

51 41 A pulse oximeter comprising:
51 at least first and second light emitting devices;
at least one light detector configured to receive light attenuated by transmission through a living tissue with arterial pulsing blood, the light detector acquiring a first signal based on the first light emitting device comprising a first desired signal portion and a first undesired signal portion and a second signal based on the second light emitting device comprising a second desired signal portion and a second undesired signal portion;
an adaptive system responsive to said first and second signals to provide at least first and second output signals; and
a processor responsive to the first and second output signals to oxygen saturation of said arterial blood.